

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

DAVID E. BROOK
JAMES M. SMITH
LEO R. REYNOLDS
PATRICIA GRANAHAN
JOHN L. DUPRE
DAVID J. BRODY
MARY LOU WAKIMURA
THOMAS O. HOOVER
ALICE O. CARROLL
N. SCOTT PIERCE

ANNE J. COLLINS
ROBERT T. CONWAY
STEVEN G. DAVIS
CAROL A. EGNER
DOREEN M. HOGLE
J. GRANT HOUSTON
RODNEY D. JOHNSON
HELEN LEE
ELIZABETH W. MATA
TIMOTHY J. MEAGHER
ANTHONY P. ONELLO, JR.
NINA L. PEARLMUTTER
SCOTT D. ROTHENBERGER
DEIRDRE E. SANDERS
JAY SHIM
RICHARD W. WAGNER
LISA M. WARREN
HELEN E. WENDLER
DARRELL L. WONG

65723 U.S. PTO



04/03/97

TWO MILITIA DRIVE · LEXINGTON, MASSACHUSETTS 02173-4799
TELEPHONE: (617) 861-6240 · FACSIMILE: (617) 861-9540

MUNROE H. HAM
(1906-1984)

OF COUNSEL

RICHARD A. WISE
SUSAN G. L. GLOVSKY

JOHN W. MEDBURY
ADMINISTRATIVE DIRECTOR

BARBARA J. FORGUE
PATENT ADMINISTRATOR

PATENT AGENTS
CAROLYN S. ELMORE

PATENTS, TRADEMARKS,
COPYRIGHTS AND
LITIGATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Joseph B. Bernstein and Zhihui Duan

Title: LASER-INDUCED CUTTING OF METAL INTERCONNECT

- ☒ Specification, Claims, Abstract of the Disclosure
- ☒ 7 sheets of ~~XXXXXX~~ formal/informal drawings. (Figs. 1-14)
- ☒ An assignment of the invention to Massachusetts Institute of Technology
(2 Assignment Forms) University of Maryland
- ☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 37 C.F.R. 1.27.
- ☒ Executed ~~XXXXXX~~ Combined Declaration/Power of Attorney. (2) Declarations
- ☐ Other: _____

EXPRESS MAIL Mailing Label No. EG978842799US

Date of Deposit April 3, 1997

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Pamela J. Chaney

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE	\$ 385	\$ 770
TOTAL CLAIMS	41 - 20 =	* 21	X \$11=	\$	X \$22=	\$ 462
INDEP CLAIMS	2 - 3 =	* -0-	X \$40=	\$	X \$80=	\$ -0-
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ \$130=	\$	+ \$260=	\$
*If the difference in Col. 1 is less than zero, enter "0" in Col. 2			Assignment Fee	\$	Assignment Fee	\$ 80
			Total:	\$	Total:	\$1,312

- ☐ Please charge my Deposit Account No. 08-0380 in the amount of \$ _____
- ☒ A check in the amount of \$1,312 _____ to cover the filing fee is enclosed.
- ☒ Authorization is hereby granted to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-0380. Two duplicate copies of this letter are enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Authorization is hereby granted to charge payment of the following fees during pendency of this application or credit any overpayment to Deposit Account No. 08-0380. Two duplicate copies of this letter are enclosed.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS

By James M. Smith

Registration No. 28,043

Attorney for Applicant(s)

(617) 861-6240

Dated: 4/3/97
APPATENT.LTR-REV. 10/01/96